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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 4 + Exhibits A & B

Application Number	10/017,367
Filing Date	December 12, 2001
First Named Inventor	Kevin K. Lehmann
Art Unit	2877
Examiner Name	Hoa Q. Pham
Attorney Docket No.	PRU-101US

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### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Exhibit A Exhibit B
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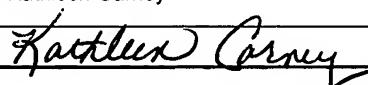
#### Remarks:

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Jacques L. Etkowicz	Registration No. (Attorney/Agent)	41,738
Signature			
Date	May 18, 2004		

### CERTIFICATE OF TRANSMISSION / MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

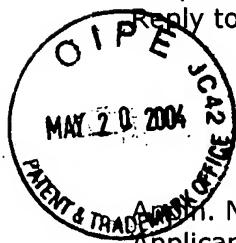
Typed or printed name	Kathleen Carney		
Signature		Date	May 18, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Appln. No.: 10/017,367  
Response dated May 18, 2004  
Reply to Office Action of March 19, 2004

PRU-101US



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No.: 10/017,367  
Applicant: Kevin K. Lehmann et al.  
Filed: December 12, 2001  
Title: FIBER OPTIC BASED CAVITY RING-DOWN SPECTROSCOPY APPARATUS  
TC/A.U.: 2877  
Examiner: Hoa Q. Pham  
Confirmation No.: 8107  
Docket No.: PRU-101US

**RESPONSE UNDER 37 C.F.R. § 1.116**

**Expedited Procedure**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Final Office Action dated March 19, 2004, please reconsider the above-identified application in view of the following:

- Amendments to the Specification** begin on page \_\_\_\_\_ of this paper.
- Amendments to the Claims** are reflected in the listing of claims which begins on page \_\_\_\_\_ of this paper.
- Amendments to the Drawings** begin on page \_\_\_\_\_ of this paper and include an attached replacement sheet(s).
- Amendments to the Abstract** are on page \_\_\_\_\_ of this paper. A clean version of the Abstract is on page \_\_\_\_\_ of this paper.
- Remarks/Arguments** begin on page 2 of this paper.

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